



Deep Learning Models for Medical Imaging Processing

Guest Editor:

Dr. Rajesh K. Tripathy

BITS Pilani, Hyderabad, 500078,
India

Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editor

The images recorded from the subjects using different medical imaging modalities provide valuable information for diagnosing various ailments. Artificial intelligence (AI) based automated diagnosis systems are widely used to assist medical professionals in diagnosing different diseases using medical images. In recent years, deep learning methods are popular for medical image processing applications such as the segmentation of medical images, the medical image quality assessment, the automated detection of different pathologies using medical images, etc.

This special issue will help to demonstrate the application of deep learning techniques for the processing of different types of medical images such as X-ray images, Ultrasound images, thermal images, fundus images, optical tomography (OCT) images, echocardiography images, magnetic resonance imaging, positron emission tomography (PET), etc. This special issue welcomes high-quality original research papers and review papers on the application of deep learning for medical image processing.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical
Physiology, Nuclear Medicine &
PET National University Hospital,
Rigshospitalet, University of
Copenhagen, Blegdamsvej 9, DK-
2100 Copenhagen, Denmark

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Medicine, General and Internal)

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.7 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2023).

Contact Us

Diagnostics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/diagnostics
diagnostics@mdpi.com
[X@diagnostic_mdpi](https://twitter.com/diagnostic_mdpi)